

Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Previously Presented) Set of motor-driven instruments to aid the fixing of dental implants that comprise a series of atraumatic bone osteotomes of progressive diameters, with these motor-driven osteotomes designed for their assembly to motor-driven or manual-drive connectors, characterised in that:

- the osteotomes (4A, 4B, 4C, 4D) have an apical end (10) followed by a threaded conical section (9) and a threaded cylindrical section (8), with the threaded cylindrical section capped by an adjustment area (7) in which the connectors are assembled (14, 17),

- the set of instruments comprises starter drill (1), comprising a quadrangular-section end (22) that is smaller in section than the osteotomes, comprising an end (6) for its connection to a surgical motor,

- the set of instruments comprises at least two drills (2, 3) of different diameters that comprise ends for connection to a surgical motor, and which is used alternately with the osteotomes

- the set of instruments includes connectors (14, 16) for the motor-driven or manual-drive operation of the osteotomes.

2. (Original) Set of motor-driven instruments to aid the fixing of dental implants according to claim 1, wherein the adjustment area (7) of the osteotomes comprises a polygonal-section projection (13), preferably hexagonal, which is capped by a cylindrical projecting section that creates a circular recess in which an O-ring seal (11) is housed.

3. (Original) Set of motor-driven instruments to aid the fixing of dental implants according to claim 1, wherein the connectors (14, 17) present an end comprising a blind axial recess (12) with a polygonal section, preferably hexagonal, in which is housed the polygonal section (13) of the osteotomes incorporating the O-ring seal (11) that retains the connectors.

4. (Previously Presented) Set of motor-driven instruments to aid the fixing of dental implants according to claim 1, wherein the connector (14) possesses motor functions and comprises an extension (6) for its connection to a surgical motor.

5. (Previously Presented) Set of motor-driven instruments to aid the fixing of dental implants according to claim 1, wherein the connector (17) possesses extractor

functions and comprises a coupling area (15) for connection to a ratchet wrench.

6. (Previously Presented) Procedure to facilitate the fixing of dental implants wherein during said fixing process the set of motor-driven instruments according to claim 5 is used.

7. (Previously Presented) Set of motor-driven instruments to aid the fixing of dental implants according to claim 3, wherein the connector (14) possesses motor functions and comprises an extension (6) for its connection to a surgical motor.

8. (Previously Presented) Set of motor-driven instruments to aid the fixing of dental implants according to claim 3, wherein the connector (17) possesses extractor functions and comprises a coupling area (15) for connection to a ratchet wrench.

9. (Previously Presented) Procedure to facilitate the fixing of dental implants wherein during said fixing process the set of motor-driven instruments according to claim 1 is used.

10. (Currently Amended) The set of motor-driven instruments, according to claim 1 ~~Osteotome (4A, 4B, 4C, 4D) applicable in techniques that modify the bone structure in a suitable way before receiving a dental implant, wherein the~~

osteotome comprises an apical end (10) followed by a threaded conical section (9) and a threaded cylindrical section (8), said threaded conical section being finished by an adjustment area (7) to which a manually-driven or motor-driven connector (14, 17) can be connected.

11. (Currently Amended) The set of motor-driven instruments Osteotome (4A, 4B, 4C, 4D), according to claim 10, wherein the adjustment area (7) comprises a polygonal projection (13) which is capped by a cylindrical projection that creates a circular recess in which an O-ring seal (11) is housed.

12. (Currently Amended) The set of motor-driven instruments Osteotome (4A, 4B, 4C, 4D), according to claim 11, wherein the ~~poligenal~~ polygonal projection (13) is hexagonal.

13. (Currently Amended) The set of motor-driven instruments according to claim 10 wherein the Connector (14, 17), to be connected to an osteotome (4A, 4B, 4C, 4D) ~~according to claim 10~~, so as to allow the manual or motorised driving of said osteotome (4A, 4B, 4C, 4D), wherein the connector (14, 17) comprises one end provided with a blind axial recess (12) with a polygonal section to receive the polygonal projection (13) of the osteotome (4A, 4B, 4C, 4D).

14. (Currently Amended) The set of motor-driven instruments~~Connector (14, 17)~~, according to claim 13, wherein the blind axial recess (12) of the connector has a hexagonal section.

15. (Currently Amended) The set of motor-driven instruments~~Connector (14, 17)~~, according to claim 13, ~~comprising~~ wherein the connector includes an end (6) for its connection to a surgical motor.

16. (Currently Amended) The set of motor-driven instruments~~Connector (14, 17)~~, according to claim 13, ~~comprising~~ wherein the connector comprises a coupling area (15) for connection to a ratchet wrench.

17. (Currently Amended) The set of motor-driven instruments according to claim 10 wherein the ~~S~~starter drill (1), provided with an end (22) to act on a patient's bone and another end (6) to be driven by a surgical motor, where end (22) is narrow and has a quadrangular section, to allow the starter drill (1) to pierce the hardest outer layer of the bone.